Hideyuki Mannen

List of Publications by Year in Descending Order

92 papers	1,608 citations	17 h-index	38 g-index
97 ext. papers	1,881 ext. citations	2.2 avg, IF	4.07 L-index

#	Paper	IF	Citations
92	Origin and Demographic History of Philippine Pigs Inferred from Mitochondrial DNA.. *Frontiers in Genetics*, **2021**, 12, 823364	4.5	0
91	Genetic characteristics of Korean Jeju Black cattle with high density single nucleotide polymorphisms. *Animal Bioscience*, **2021**, 34, 789-800	0	1
90	FGF5 and EPAS1 gene polymorphisms are associated with high-altitude adaptation in Nepalese goat breeds. *Animal Science Journal*, **2021**, 92, e13640	1.8	2
89	Recent achievements of candidate polymorphism detection for fatty acid composition in Japanese Black cattle. *Journal of Animal Genetics*, **2021**, 49, 67-75	0.1	
88	Detection of candidate polymorphisms around the QTL for fat area ratio to rib eye area on BTA7 using whole-genome resequencing in Japanese Black cattle. *Animal Science Journal*, **2020**, 91, e13335	1.8	5
87	Effect of DNA markers on the fertility traits of Japanese Black cattle for improving beef quantity and quality. *Archives Animal Breeding*, **2020**, 63, 9-17	1.6	3
86	Indonesian native goats (Capra hircus) reveal highest genetic frequency of mitochondrial DNA haplogroup B in the world. *Animal Science Journal*, **2020**, 91, e13485	1.8	
85	Cattle mitogenome variation reveals a post-glacial expansion of haplogroup P and an early incorporation into northeast Asian domestic herds. *Scientific Reports*, **2020**, 10, 20842	4.9	6
84	Effect of STARD3 gene polymorphism on carcass traits and fatty acid composition in Japanese Black cattle. *Journal of Animal Genetics*, **2019**, 47, 37-45	0.1	0
83	The SNPs in bovine MMP14 promoter influence on fat-related traits. *Meta Gene*, **2019**, 20, 100558	0.7	1
82	Phylogeographic Analysis of Madagascan Goats Using mtDNA Control Region and Gene Sequences. *Zoological Science*, **2019**, 36, 294-298	0.8	2
81	Whole-genome resequencing to identify candidate genes for the QTL for oleic acid percentage in Japanese Black cattle. *Animal Science Journal*, **2019**, 90, 467-472	1.8	6
80	The non-synonymous mutation in bovine gene influences carcass weight. *Heliyon*, **2019**, 5, e03006	3.6	1
79	The Eurasian Steppe is an important goat propagation route: A phylogeographic analysis using mitochondrial DNA and Y-chromosome sequences of Kazakhstani goats. *Animal Science Journal*, **2019**, 90, 317-322	1.8	10
78	Kazakhstani native cattle reveal highly divergent mtDNA from Bos taurus and Bos indicus lineages with an absence of Bos indicus Y chromosome. *Animal Science Journal*, **2019**, 90, 29-34	1.8	1
77	A genome-wide association study for fat-related traits computed by image analysis in Japanese Black cattle. *Animal Science Journal*, **2018**, 89, 743-751	1.8	10
76	Application of DNA markers for discrimination between Japanese and Australian Wagyu beef. *Animal Science Journal*, **2018**, 89, 257-258	1.8	3

75	The mtDNA haplogroup P of modern Asian cattle: A genetic legacy of Asian aurochs?. *PLoS ONE*, **2018**, 13, e0190937	3.7	10
74	The rare mtDNA haplogroup P observed in Japanese Holstein cattle. *Journal of Animal Genetics*, **2018**, 46, 49-55	0.1	
73	The Japanese Wagyu beef industry: current situation and future prospects - A review. *Asian-Australasian Journal of Animal Sciences*, **2018**, 31, 933-950	2.4	40
72	Genetic diversity of Myanmar cattle breeds using complete mitochondrial D-loop sequence. *Journal of Animal Genetics*, **2018**, 46, 57-67	0.1	2
71	Genetic diversities and population structures of four popular Myanmar local cattle breeds. *Animal Science Journal*, **2018**, 89, 1648-1655	1.8	3
70	Pool-based genome-wide association study identified novel candidate regions on BTA9 and 14 for oleic acid percentage in Japanese Black cattle. *Animal Science Journal*, **2018**, 89, 1060-1066	1.8	4
69	Identification of leptin gene polymorphisms associated with carcass traits and fatty acid composition in Japanese Black cattle. *Animal Science Journal*, **2017**, 88, 433-438	1.8	12
68	Low mitochondrial DNA diversity of Japanese Polled and Kuchinoshima feral cattle. *Animal Science Journal*, **2017**, 88, 739-744	1.8	8
67	Characterization of WWP1 protein expression in skeletal muscle of muscular dystrophy chickens. *Journal of Biochemistry*, **2016**, 159, 171-9	3.1	8
66	Estimating chromosomal genetic diversity of Kuchinoshima feral cattle using high density SNP chip **2016**, 87, 219-226		1
65	Allelic frequencies and association with carcass traits of six genes in local subpopulations of Japanese Black cattle. *Animal Science Journal*, **2016**, 87, 469-76	1.8	7
64	Genetic structure and relationships of 16 Asian and European cattle populations using DigiTag2 assay. *Animal Science Journal*, **2016**, 87, 190-6	1.8	15
63	The g.841G>C SNP of FASN gene is associated with fatty acid composition in beef cattle. *Animal Science Journal*, **2015**, 86, 737-46	1.8	15
62	The SNPs in the promoter regions of the bovine FADS2 and FABP4 genes are associated with beef quality traits. *Livestock Science*, **2014**, 163, 34-40	1.7	15
61	UTS2R gene polymorphisms are associated with fatty acid composition in Japanese beef cattle. *Animal Science Journal*, **2014**, 85, 499-505	1.8	8
60	Allelic distributions of genes involved in economical traits, hereditary disorder, and coat color in a population of Kuchinoshima cattle. *Journal of Animal Genetics*, **2014**, 42, 11-19	0.1	3
59	Genetic diversity and structure in Asian native goat analyzed by newly developed SNP markers. *Animal Science Journal*, **2013**, 84, 579-84	1.8	4
58	The SNP in the promoter region of the bovine ELOVL5 gene influences economic traits including subcutaneous fat thickness. *Molecular Biology Reports*, **2013**, 40, 3231-7	2.8	14

57	Identification of quantitative trait loci affecting economic traits based on divergently selected genomic regions between beef and dairy cattle. *Livestock Science*, **2013**, 155, 180-185	1.7	0
56	Comparative analysis on gene expression profiles in longissimus dorsi muscle of Japanese Black cattle. *Journal of Animal Genetics*, **2013**, 41, 07-14	0.1	3
55	Genome-wide association study for fatty acid composition in Japanese Black cattle. *Animal Science Journal*, **2013**, 84, 675-82	1.8	32
54	Mitochondrial genetic diversity of goat in South Eastern Asia **2013**, 84, 149-155		
53	Effects of genes on economically important traits of Japanese Black cattle in Hyogo population **2013**, 84, 157-162		7
52	Identification of divergently selected regions between Japanese Black and Holstein cattle using bovine 50k SNP array. *Animal Science Journal*, **2012**, 83, 7-13	1.8	11
51	Practical capability and cost effectiveness of a DNA pool-based genome-wide association study using BovineSNP50 array in a cattle population. *Animal Science Journal*, **2012**, 83, 719-26	1.8	5
50	Identification of SNPs in the FASN gene and their effect on fatty acid milk composition in Holstein cattle. *Livestock Science*, **2012**, 144, 281-284	1.7	15
49	The SNPs in the ACACA gene are effective on fatty acid composition in Holstein milk. *Molecular Biology Reports*, **2012**, 39, 8637-44	2.8	30
48	Genes Associated with Fatty Acid Composition of Beef. *Food Science and Technology Research*, **2012** , 18, 1-6	0.8	5
47	Development of discrimination markers between Japanese domestic and imported beef. *Animal Science Journal*, **2011**, 82, 67-72	1.8	8
46	Identification and utilization of genes associated with beef qualities. *Animal Science Journal*, **2011**, 82, 1-7	1.8	39
45	Effect of DNA polymorphisms related to fatty acid composition in adipose tissue of Holstein cattle. *Animal Science Journal*, **2011**, 82, 406-11	1.8	34
44	Allele frequencies of gene polymorphisms related to economic traits in Bos taurus and Bos indicus cattle breeds. *Animal Science Journal*, **2011**, 82, 717-21	1.8	11
43	Identification of the Gene Responsible for Chicken Muscular Dystrophy. *Korean Journal of Poultry Science*, **2011**, 38, 145-154	0.4	1
42	Mutated WWP1 Induces an Aberrant Expression of Myosin Heavy Chain Gene in C2C12 Skeletal Muscle Cells. *Journal of Poultry Science*, **2010**, 47, 115-119	1.6	4
41	Suppression of WWP1 Gene Via RNAi Induced the Reduction of Proliferation Rate of C2C12 Myoblasts. *Journal of Poultry Science*, **2010**, 47, 288-293	1.6	1
40	Zebu cattle are an exclusive legacy of the South Asia neolithic. *Molecular Biology and Evolution*, **2010**, 27, 1-6	8.3	147

39	Sheep genetic diversity in Bhutan using microsatellite markers. *Animal Science Journal*, **2010**, 81, 145-51	1.8	6
38	Genetic diversity and structure in Bos taurus and Bos indicus populations analyzed by SNP markers. *Animal Science Journal*, **2010**, 81, 281-9	1.8	41
37	Allele distributions and frequencies of the six prion protein gene (PRNP) polymorphisms in Asian native cattle, Japanese breeds, and mythun (Bos frontalis). *Biochemical Genetics*, **2010**, 48, 829-39	2.4	11
36	Accumulation of caveolin-3 protein is limited in damaged muscle in chicken muscular dystrophy. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2010**, 157, 68-72	2.6	3
35	. *Journal of Animal Genetics*, **2010**, 38, 21-28	0.1	
34	Effect of SCD and SREBP genotypes on fatty acid composition in adipose tissue of Japanese Black cattle herds. *Animal Science Journal*, **2009**, 80, 225-32	1.8	50
33	Genetic diversity of growth hormone receptor gene in cattle. *Animal Science Journal*, **2009**, 80, 528-31	1.8	2
32	Expression Pattern of WWP1 in Muscular Dystrophic and Normal Chickens. *Journal of Poultry Science*, **2009**, 46, 95-99	1.6	6
31	The ubiquitin ligase gene (WWP1) is responsible for the chicken muscular dystrophy. *FEBS Letters*, **2008**, 582, 2212-8	3.8	23
30	A new tandem repeat in bovine fibrinogen Aalpha gene. *Animal Biotechnology*, **2008**, 19, 122-6	1.4	2
29	An assessment of population structure in eight breeds of cattle using a whole genome SNP panel. *BMC Genetics*, **2008**, 9, 37	2.6	74
28	Association between fatty acid compositions and genotypes of FABP4 and LXR-alpha in Japanese black cattle. *BMC Genetics*, **2008**, 9, 84	2.6	74
27	Whole genome linkage disequilibrium maps in cattle. *BMC Genetics*, **2007**, 8, 74	2.6	165
26	The novel polymorphism of the beta 3-adrenergic receptor gene and its distribution in domestic pigs and wild boars in Asia. *Animal Science Journal*, **2007**, 78, 243-250	1.8	5
25	Pinpointing the candidate region for muscular dystrophy in chickens with an abnormal muscle gene. *Animal Science Journal*, **2007**, 78, 476-483	1.8	9
24	Genotype of bovine sterol regulatory element binding protein-1 (SREBP-1) is associated with fatty acid composition in Japanese Black cattle. *Mammalian Genome*, **2007**, 18, 880-6	3.2	82
23	Mapping of expressed sequence tag markers with a cDNA-amplified fragment length polymorphism method in Japanese quail (Coturnix japonica). *Animal Science Journal*, **2006**, 77, 42-46	1.8	4
22	Linkage mapping of four chicken calpain genes. *Animal Science Journal*, **2005**, 76, 121-127	1.8	5

21	Allele frequencies of the extension locus encoding the melanocortin-1 receptor in Japanese and Korean cattle. *Animal Science Journal*, **2005**, 76, 129-132	1.8	25
20	Transcriptional profiling of skeletal muscle tissue from two breeds of cattle. *Mammalian Genome*, **2005**, 16, 201-10	3.2	124
19	Development and Mapping of Microsatellite Markers Derived from cDNA in Japanese Quail (Coturnix japonica). *Journal of Poultry Science*, **2005**, 42, 263-271	1.6	11
18	Polymorphism and evolutionary profile of mitochondrial DNA control region inferred from the sequences of Pakistani goats. *Animal Science Journal*, **2004**, 75, 303-309	1.8	10
17	Genotype of stearoyl-coA desaturase is associated with fatty acid composition in Japanese Black cattle. *Mammalian Genome*, **2004**, 15, 142-8	3.2	205
16	Search for the candidate genes of chicken muscular dystrophy. *Journal of Animal Genetics*, **2004**, 31, 33-39		
15	Genetic factors that affect on fatty acid composition of bovine carcass fat. *Journal of Animal Genetics*, **2003**, 30, 17-20		
14	Mitochondrial DNA reveal that domestic goat (Capra hircus) are genetically affected by two subspecies of bezoar (Capra aegagurus). *Biochemical Genetics*, **2001**, 39, 145-54	2.4	50
13	A chicken linkage map constructed using AFLP markers. *Journal of Animal Genetics*, **2000**, 28, 95-100		
12	Characterization of mouse ubiquitin-like SMT3A and SMT3B cDNAs and gene/pseudogenes. *IUBMB Life*, **1998**, 46, 1161-74	4.7	14
11	Sequences of the lizard cDNAs encoding lactate dehydrogenase (LDH) isozymes A (muscle) and B (heart). *Gene*, **1996**, 171, 303-4	3.8	9
10	Identification and minisatellite linkage analysis of SMXA recombinant inbred strains of mice by DNA fingerprinting. *Experimental Animals*, **1995**, 44, 87-93	1.8	
9	Identification of sublines of inbred strains of mice and assessment of genetic relationships between substrains or sublines by DNA fingerprinting. *Experimental Animals*, **1994**, 43, 521-6	1.8	2
8	Identification of inbred strains of mice and genetic relationships between strains as assessed by DNA fingerprinting. *Experimental Animals*, **1993**, 42, 169-73	1.8	4
7	Morphometric profiles of the mandible of SMXA recombinant inbred strains of mice and strain identification on the basis of mandible measurements. *Experimental Animals*, **1993**, 42, 41-50	1.8	5
6	Establishment of inbred strain of long-haired golden hamster. *Experimental Animals*, **1993**, 42, 343-7	1.8	3
5	DNA fingerprinting for individual identification and parentage test in Japanese Black cattle using five different mini-and one micro-satellite probes. *The Journal of Animal Genetics*, **1993**, 21, 62-68		5
4	DNA Fingerprinting in Horse using Three Probes. *The Journal of Animal Genetics*, **1993**, 21, 39-43		

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3	Application of DNA Fingerprinting for Laboratory Animals. *Animal Blood-group Research Information* , **1992**, 1992, 27-31	1
2	Application of DNA Fingerprinting to Domestic Animals. *Animal Blood-group Research Information*, **1991**, 1991, 11-18	1
1	Usefulness of DNA Fingerprinting for Swine. *Animal Blood-group Research Information*, **1991**, 1991, 39-44	2